

Historical Information of Maryland Commission of Fisheries  
With Some Notes on Game

Fisheries Administration  
Maryland Department of Natural Resources  
Route 1, Box 180  
Hagerstown, Maryland 21740

Based on Annual Reports, Legislative Enactments  
and Personal Observations; also, the Compiled  
Laws of the Game and Inland Fish Commission,  
1654---1965

By

Albert M. Powell - Retired  
Superintendent of Hatcheries

1967

*Bish Wiskie  
Albert M. Powell  
may the south wind  
never blow while you  
are fishing*



In 1951, the Dingler-Johnson Act made funds available for 75% of the cost of fisheries research and investigations, also for the purchase and development of lands, lakes and ponds, all for the public's fishing use. The evaluation of money spent in this development work cannot be measured in dollar value, for much was accomplished that otherwise would have been impossible.

One thing is sure.....this department has not had a recession for some years and with our responsible personnel the possibility of one is remote.

Policies and work programs were in use but did not become an established part of the overall work program until about 1952, when a projected work program was instituted.

Work projects were defined and numbered and a work plan for the year was projected, as:

- PROJECT I: River Basin Watershed Stabilization
- PROJECT II: Artificial Propagation of Fish and Commercial Purchase of Fish
- PROJECT III: Fish Stocking
- PROJECT IV: Maintenance and Repair of Equipment and Property
- PROJECT V: Land Acquisition, Engineering, Survey and Design, Construction and Development
- PROJECT VI: Cooperative Projects

As the work progressed it became necessary to reword several of the projects and add sub-headings to cover the work at hand, until by 1962, the program read as follows:

#### WATERSHED DEVELOPMENT

- PROJECT I
  - I-A - Reclamation
  - I-B - Vegetation
  - C-B - Structure
- PROJECT II - Fish Propagation
  - Project II-A - Cold Water Fishes
  - Project II-B - Warm Water Fishes
- PROJECT III - Fish Distribution
  - Project III-A Cold Water
  - Project III-B Warm Water
- PROJECT IV - Maintenance
  - Project IV



PROJECT V - Engineering

- Project V-A - Acquisition
- Project V-B - Surveys
- Project V-C - Construction
- Project V-D - Inspection

PROJECT VI - Watershed Development

- Fisheries Administration
- Project VI-A - Fisheries Administration
- Project VI-B - Information Extension

PROJECT VII - Inland Fisheries Investigations

- Project VII-A - State

Space does not permit the recordings of the work accomplished during this period and it is very unfortunate that our annual reports in recent years have failed to give a full account of the most aggressive years this department has experienced.

The annual reports made by the Regional Supervisors and compiled in the Annapolis office, were mimeographed; copies will be made and distributed within our own personnel. Copies should be made and placed in libraries and other archives throughout the state for public reference.



provide for an increase in utilization of these less sought after species and a study of the success and methods of known smallmouth bass fishermen.

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Harold J. Elser, Fisheries Biologist  
 MARYLAND DEPARTMENT OF RESEARCH AND EDUCATION  
 Chesapeake Biological Laboratory  
 Inland Research Division  
 Solomons, Maryland

- Management Recommendations for Deep Creek Lake, 12/12/1955 -  
 Ref. No. 56-3
- Fishing Pressure and harvest of Sports-Fishes on the Potomac River  
 in 1954
- Conowingo-Susquehanna Creel Census Report, 1955 - Ref. No. 57-12
- Memorandum - Information Report on 1955 Investigations in Deep  
 Creek Lake
- A Preliminary Report of the Smithville Pond Drainage Project, 1955  
 - Ref. No. 56-10
- The Back Creek Pond Drainage Project, 1956 - Ref. No. 57-17
- Preliminary Report on Kelly Pool Drainage Project,  
 The Fort Mead Wildlife Club - Ref. No. 56-5
- A Preliminary Report of the Smithville Pond Drainage Project, 1955  
 - Ref. No. 56-10
- The Frazier's Pond Drainage Project, 1957 - Ref. No. 57-46
- The Lake Koshare Drainage Project, 1957 - Ref. No. 57-55
- The Greenbelt Lake Draining Project - A Preliminary Report, 1957  
 - Ref. No. 57-11
- The Hughesville Community Pond, 1957. Fishing Pressure,  
 Harvest and Production - Ref. No. 58-14
- Notes on the Chain Pickerel in Maryland. Harold J. - Ref. No. 61-14  
 Elser and Romeo Mansueti - Revised February 1961 - Ref. No. 58-60
- The St. Paul's Drainage Project, 1958 - Ref. No. 58-11
- Fish Stocking in Deep Creek Lake, Maryland - Ref. No. 61-13

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Memorandum:

An Evaluation of the Removal of Largemouth Bass From the North East  
Effect of Pepco Installation on the Potomac River Fish Life River

Growth Rate of Maryland Fresh Water Fish, 1962 - Ref. No. 62-13

Result of a Seining Survey in Kimball's Pond, Kent County.

An Associated Bibliography to the Introduction of  
Striped Bass in Ponds, May, 1958.

By: Harold Elser and Romeo Mansueti

- Ref. No. 58-20

Escape of Fish Over Spillways: Maryland 1958-1960 - Ref. No. 60-49

Results of Seining Survey in Kimball's Pond, Kent  
Island, Maryland - An Annotated Bibliography  
to the Introduction of Striped Bass in Ponds.

By: Romeo Mansueti and Harold Elser, Fisheries  
Biologist, Solomons, Maryland

- Ref. No. 58-20

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JOB COMPLETION REPORTS  
FEDERAL AID RESEARCH - MARYLAND

F-3-R-2

- Job #1 - A comparison of production of the young striped  
bass from major areas . . . . . - 1955
- Job #2 - A study of net fishing on striped bass spawning  
areas . . . . . - 1955
- Job #3 - Delineation of major striped bass spawning  
areas . . . . . - 1955
- Job #4 - Establishment of the season and duration of  
striped bass spawning . . . . . - 1955
- Job #5 - Migration of striped bass . . . . . - 1955
- Job #6 - Evaluation of maximum (15-pound) length limit . . . . . - 1955

F-8-R-1DEEP CREEK LAKE

- Job #1 - Chemical analysis of waters in Deep Creek Lake . . . . . - 1956
- Job #2 - Creel census Deep Creek Lake . . . . . - 1956
- Job #3 - Volumetric examination of plankton . . . . . - 1956
- Job #4 - Fish population Study . . . . . - 1956
- Job #5 - Fish stomach analysis . . . . . - 1956
- Job #6 - Age, growth and condition factor studies . . . . . - 1956

F-8-R-2POTOMAC RIVER

- Job #1 - Study of smallmouth bass spawning activity  
period with emphasis on peak . . . . . - 1955
- Job #2 - Study of gonad development . . . . . - 1955

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F-8-R-2POTOMAC RIVER (Cont'd)

Job #3	- Study of age, growth and condition factors of smallmouth bass and associate species . . .	1956
Job #4	- Fish population studies with special reference to migration, quantitative and qualitative investigation . . . . .	1956
Job #5	- Effectiveness of different designs of fish traps . . . . .	1956

F-8-R-3

Job #1	- Visual study of smallmouth bass spawning . . .	1957
Job #2	- Ovarian analysis of smallmouth bass . . . . .	1957
Job #3	- Age and growth determination of smallmouth bass . . . . .	1957
Job #4	- Potomac trap catches population analysis. . .	1957
Job #5	- Creel census Potomac River, Montgomery County	1957
	- Creel census Potomac River, Frederick County.	1957

Smallmouth Bass Management in the Potomac River was read at the North American Wildlife Conference, St. Louis, March, 1958.

WETLAND DEVELOPMENT SURVEY

W-30-R Job 1

F-8-R-3

Job #1	- Visual study smallmouth bass spawning . . . .	1957
Job #2	- Ovarian analysis of smallmouth bass . . . . .	1957
Job #3	- Age and growth determination of smallmouth bass . . . . .	1957
Job #4	- Potomac trap catches, population analysis . .	1957
Job #5	- Creel census, Montgomery County . . . . .	1957

INVESTIGATION PROJECTS - 1958-1959Project F-10-R-1

Job No. I.A.1	- Deep Creek Lake - age and growth Determination
Job No. I.A.2	- Deep Creek Lake Creel Census
Job No. I.A.3	- Deep Creek Lake Evaluation of stocking program
Job No. I.A.4	- Deep Creek Lake - Fish Population Studies
Job No. I.A.5	- Deep Creek Lake - Yellow Perch Control Plot Project
Job No. I.B.1	- Savage River Reservoir Age and Growth Determination
Job No. I.B.2	- Savage River Reservoir Creel Census
Job No. I.B.3	- Savage River Reservoir Population Studies
Job No. I.B.4	- Savage River Watershed Trout Inventory of Monroe River
Job No. I.C.1	- Cunningham Lake Population Estimate
Job No. I.D.1	- McHenry - Growth Determination of Great Northern Pike

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INVESTIGATION REPORTS (Cont'd)Project F-10-R-1 (Cont'd)

- Job No. I.E.1 - - Piney Reservoir - Age and Growth Determination
- Job No. I.F.1 - - Piney Reservoir - Population Studies
- Job No. 2.A.1a - - Potomac River Creel Census - Lander, Frederick County
- Job No. II.A.1 - - Potomac River Creel Census - Montgomery County
- Job No. II.A.1 - - Potomac River Creel Census - Washington County
- Job No. II.B.1 - - Patuxent River Basin Age and Growth Determination
- Job No. II.B.2 - - Little Patuxent River Creel Census
- Job No. II.B.3a - - Little Patuxent River Population Analysis
- Job No. II.B.3(3) - - Tridelfia Reservoir Study
- Job No. III.A.1 - - Leonard's Lake Creel Census
- Job No. III.A.2 - - Leonard's Lake Population Analysis
- Job No. III.B.1 - - Smithville Lake Creel Census
- Job No. III.B.2 - - Smithville Lake Population Studies
- Job No. III.C.1 - - Urieville Lake Creel Census
- Job No. III.C.2 - - Urieville Lake Population Studies
- Job No. III.D.1 - - Wye Mills Lake Creel Census

Project F-10-R-2

- Job No. 4 - - Potomac River Creel Census
- Job No. 5 - - Potomac River Creel Census

Project F-10-R-3 (1961)

- Job No. 1a - - Spawning Characteristics of the White Crappie in Maryland Reservoirs
- Job No. 1b - - Spawning Characteristics of Black Crappie in Maryland waters
- Job No. 2 - - Observation on the Behavior of Crappies in Selected Maryland Waters
- Job No. 3 - - Determination of Age Growth Rate of Black Crappie and White Crappie in Maryland Reservoirs
- Job No. 4 - - Food Habits of Crappie in Maryland Reservoirs
- Job No. 5 - - Estimates of Rates of Exploitation of Crappie
- Job No. 6 - - Estimates of Populations of Crappie and Associated Species in Selected Waters

Project F-10-R-4 (1961)

- Job No. 1a - - Determine the Survival Rate of Largemouth Bass and Associated Species From Stocking and Tagging, Largemouth Bass.
- Job No. 1b - - Creel Census of Largemouth Bass and Associated Species on Certain Maryland Lakes

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